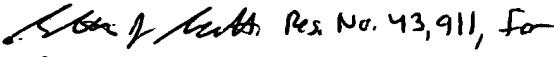
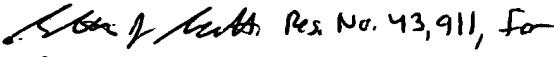
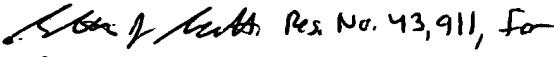


000FORM PTO-1390 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE REV. 2/01		CUSTOMER NO. 22,852 ATTORNEY'S DOCKET NUMBER 08806.0179
TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371		U.S. APPLICATION NO. (If known, see 37CFR1.5) 107539409
INTERNATIONAL APPLICATION NO. PCT/SE2003/001993	INTERNATIONAL FILING DATE 18 December 2003	PRIORITY DATE CLAIMED 20 December 2002
TITLE OF INVENTION PERM SELECTIVE ASYMMETRIC HOLLOW FIBRE MEMBRANE FOR THE SEPARATION OF TOXIC MEDIATORS FROM BLOOD		
APPLICANT(S) FOR DO/EO/US Reinhold BUCK and Hermann GOEHL		
Applicant(s) herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
1.	<input checked="" type="checkbox"/> This is a FIRST submission of items concerning a filing under 35 U.S.C 371. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371. <input type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below. <input type="checkbox"/> The US has been elected by the expiration of 19 months from the priority date (Article 31). <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371 (c)(2)). a. <input checked="" type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> has been communicated by the International Bureau. c. <input type="checkbox"/> is not required, as the application was filed with the United States Receiving Office (RO/US).	
6.	<input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371 (c)(2)). a. <input type="checkbox"/> is attached hereto. b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154 (d)(4).	
7.	<input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3)). a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> have been communicated by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. d. <input checked="" type="checkbox"/> have not been made and will not be made.	
8.	<input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371 (c)(3)).	
9.	<input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).	
10.	<input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).	
Items 11 to 20 below concern document(s) or information included:		
11.	<input checked="" type="checkbox"/> Information Disclosure Statement under 37 CFR 1.97 and 1.98	
12.	<input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.	
13.	<input checked="" type="checkbox"/> A FIRST preliminary amendment.	
14.	<input type="checkbox"/> A SECOND or SUBSEQUENT preliminary amendment.	
15.	<input type="checkbox"/> A Substitute specification.	
16.	<input type="checkbox"/> A change of power of attorney and/or address letter.	
17.	<input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821-1.825.	
18.	<input type="checkbox"/> A second copy of the published international application under 35 U.S.C. 154 (d)(4).	
19.	<input type="checkbox"/> A second copy of the English language translation of the international application 35 U.S.C. 154 (d)(4).	
20.	<input checked="" type="checkbox"/> Other items or information: a. <input checked="" type="checkbox"/> Copy of cover page of International Publication No. WO2004/056460A1 b. <input type="checkbox"/> Copy of Notification of Missing Requirements. c. <input type="checkbox"/>	

U.S. APPLICATION NO. (If known, see 37CFR 1.5) 10/539409		INTERNATIONAL APPLICATION NO. PCT/SE2003/001993		ATTORNEY'S DOCKET NUMBER 08806.0179																																																																																																																																								
<p>21. <input checked="" type="checkbox"/> The following fees are submitted:</p> <table> <tr> <td>BASIC NATIONAL FEE (37 CFR 1.492 (a) (1) - (5)):</td> <td>\$300.00</td> <td></td> </tr> <tr> <td>National Stage Search Fee.....</td> <td>\$500.00</td> <td></td> </tr> <tr> <td>National Stage Examination Fee.....</td> <td>\$200.00</td> <td></td> </tr> <tr> <td colspan="2" style="text-align: right;">ENTER APPROPRIATE BASIC FEE AMOUNT =</td> <td></td> </tr> <tr> <td colspan="2"></td> <td>\$1000.00</td> <td></td> </tr> </table> <p><input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.</p> <table> <thead> <tr> <th>Total Sheets</th> <th>Extra Sheets</th> <th>Number of additional 50 or fraction thereof (rounded up to a whole number)</th> <th>Rate</th> </tr> </thead> <tbody> <tr> <td>21 - 100 =</td> <td>/50=</td> <td></td> <td>x 250.00</td> </tr> </tbody> </table> <p>Surcharge of \$130.00 for furnishing the oath or declaration later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492 (e)).</p> <table> <thead> <tr> <th>CLAIMS</th> <th>NUMBER FILED</th> <th>NUMBER EXTRA</th> <th>RATE</th> </tr> </thead> <tbody> <tr> <td>Total Claims</td> <td>32</td> <td>- 20 =</td> <td>x \$50.00</td> </tr> <tr> <td>Independent Claims</td> <td>1</td> <td>-3 =</td> <td>x \$200.00</td> </tr> <tr> <td colspan="3">MULTIPLE DEPENDENT CLAIM(S) (if applicable)</td> <td>+\$360.00</td> </tr> <tr> <td colspan="4" style="text-align: right;">TOTAL OF THE ABOVE CALCULATIONS =</td> <td>\$1600.00</td> </tr> <tr> <td colspan="4"><input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by ½.</td> <td>\$</td> </tr> <tr> <td colspan="4" style="text-align: right;">SUBTOTAL =</td> <td>\$1600.00</td> </tr> <tr> <td colspan="4">Processing fee of \$130.00 for furnishing the English translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest priority date (37 CFR 1.492(f)).</td> <td>\$</td> </tr> <tr> <td colspan="4" style="text-align: right;">TOTAL NATIONAL FEE =</td> <td>\$ 1600.00</td> </tr> <tr> <td colspan="4">Fee for recording the enclosed assignment (37 CFR 1.21 (h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property.</td> <td>\$</td> </tr> <tr> <td colspan="4" style="text-align: right;">TOTAL FEES ENCLOSED =</td> <td>\$ 1600.00</td> </tr> <tr> <td colspan="4"></td> <td>Amount to be refunded:</td> </tr> <tr> <td colspan="4"></td> <td>charged:</td> </tr> <tr> <td>a. <input checked="" type="checkbox"/> A check in the amount of \$ <u>1600.00</u> to cover the above fees is enclosed.</td> <td colspan="4"></td> </tr> <tr> <td>b. <input type="checkbox"/> Please charge my Deposit Account No. _____ in the amount of \$ _____ to cover the above fees. A duplicate copy of this sheet is enclosed.</td> <td colspan="4"></td> </tr> <tr> <td>c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>06-0916</u>. A duplicate copy of this sheet is enclosed.</td> <td colspan="4"></td> </tr> <tr> <td>d. <input type="checkbox"/> Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.</td> <td colspan="4"></td> </tr> <tr> <td colspan="6">NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137 (a) or (b)) must be filed and granted to restore the application to pending status.</td> </tr> <tr> <td colspan="6">SEND ALL CORRESPONDENCE TO:</td> </tr> <tr> <td colspan="6">Finnegan, Henderson, Farabow, Garrett & Dunner, L.L.P. 901 New York Avenue, NW Washington, D.C. 20001-4413</td> </tr> <tr> <td colspan="6">  <u>Bryan C. Diner</u> SIGNATURE Bryan C. Diner, Reg. 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